

# ENGINEERING DRAFTING TECHNICIAN I

This is an entry-level Engineering Drafting Technician position and is the first level in a promotional program.

**PURPOSE:** An Engineering Drafting Technician I performs MicroStation drafting related to roadway paving, sewer construction, street lighting, traffic signal and other mapping/drawing-related functions as required.

## **ESSENTIAL FUNCTIONS:**

Under supervision, an Engineering Drafting Technician I works in an office setting performing some of the following essential functions:

- Makes technical drawings requiring a knowledge of drafting;
- Assists in making mathematical calculations such as computing distances, areas, angles and dimensions;
- Operates computer graphics equipment to produce quarter sections, vacation drawings, paving drawings, sewer drawings, traffic signal drawings, street lighting circuit maps, underground conduit drawings & easement drawings.
- Conducts traffic counts in the field; supports Digger's Hotline;
- Performs other related duties as required.

## **MINIMUM REQUIREMENTS:**

1. Successful completion of **four semesters of drafting coursework** of at least high school level. Job-related work experience may be substituted for the drafting coursework as follows: One year of full-time experience equals two semesters of coursework.
2. Working knowledge of algebra and geometry of at least high school level.
3. A minimum of one year of computer graphics experience in AutoCADD or MicroStation.
4. A valid Driver's License at time of appointment and throughout employment (enter Driver's License number on front of application).
5. Residence in the City of Milwaukee within six months of appointment and throughout employment.

## **DESIRABLE QUALIFICATIONS**

- Coursework in Civil Engineering Technology is desirable.

**THE CURRENT SALARY RANGE (600) IS:** \$29,535.48 to \$35,663.42 annually.